

NEBRASKA WEATHER & CROPS

NEBRASKA
AGRICULTURAL
STATISTICS
SERVICE

For Week Ending May 26, 1991

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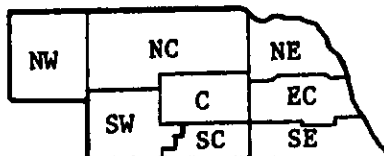
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Nebraska Department of Agriculture
Division of Agr'l. Statistics
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and Natural Resources--UNL

WEATHER

The week was warm and humid. Temperatures averaged four to eight degrees above normals. Scattered precipitation occurred throughout the week. Amounts varied from .05 inch at Sidney up to 2.33 inches at Grand Island.

GENERAL

Nebraska farmers and ranchers had limited fieldwork opportunities last week, although crop growing conditions were excellent in most cases. Locally strong storms again caused some crop damage. Statewide, the past week's rains have again halted or somewhat delayed the remainder of the spring planting activities.

CROPS

Winter wheat condition was rated at 7% poor, 29% fair, 60% good, and 4% excellent. Rains continue to benefit most wheat fields. Previously stressed fields are showing improvement. The crop headed rapidly in all areas of the State, ahead of last year but behind average.

Corn planting made limited progress last week due to wet field conditions. Of the intended acreage, 98% was planted ahead of both last year at 91% and the 5-year average of 96%. Some replanting has been necessary in

CROPS (Cont.)

areas due to storm activities. Weedy conditions in some fields have prompted herbicide applications and hoeing activities. Condition of the crop was rated at 7% fair, 74% good, and 19% excellent.

Sorghum and soybean planting activities continued whenever field conditions permitted. Sorghum planting reached 50% completed. This compares with 21% last year and 51% for the average. Soybean producers have planted 57% of their acreage to date, ahead of last year and the same as the 5-year average.

Alfalfa condition was rated at 1% poor, 21% fair, 60% good, and 18% excellent. Harvesting of the first cutting has begun in many areas, but activity has been hampered by wet conditions. Wild hay continued to exhibit improvement and the condition was rated at 18% fair, 51% good, and 31% excellent.

Subsoil moisture supplies continued to show improvement last week. Topsoil moisture supplies did not vary, for the average, from the previous week.

LIVESTOCK

Pasture and range condition continued to improve and was rated at 88% of normal, in the good to excellent category. Cattle continued to be moved to summer pastures.

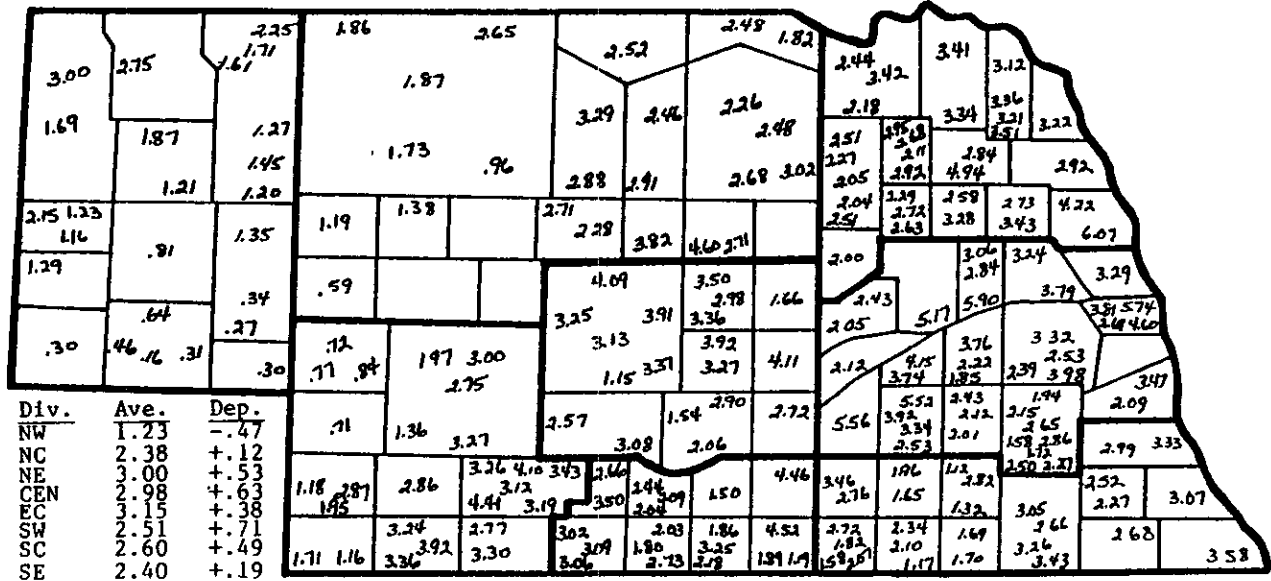
FIELD WORK PROGRESS AS OF MAY 26, 1991	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat jointed	97	94	63	84	93	100	100	100	98	88	99	97
% wheat headed	15	27	25	23	57	55	86	99	51	20	38	56
% corn planted	97	93	96	98	100	98	100	100	98	94	91	96
% corn emerged	66	66	69	75	84	81	89	94	79	44	66	75
% sorghum planted	0	25	30	47	60	21	54	49	50	28	21	51
% sorghum emerged	0	3	5	20	22	6	21	29	23	2	6	25
% soybeans planted	0	44	48	45	58	38	68	71	57	30	30	57
% soybeans emerged	0	1	9	11	21	21	37	52	24	7	9	28
% alfalfa first cutting	0	3	4	0	10	3	3	20	4	1	4	17
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF MAY 24, 1991												
Days suitable	4.2	3.8	4.1	3.9	3.8	3.8	3.1	2.7	3.6	4.9	2.6	
Topsoil moisture - Short	13	0	0	0	0	0	9	10	4	4	10	
(Percent) - Adequate	75	78	85	85	75	80	45	60	73	73	55	
- Surplus	12	22	15	15	25	20	46	30	23	23	35	
Subsoil moisture - Short	38	33	15	46	17	40	46	35	31	44	43	
(Percent) - Adequate	56	56	85	54	83	60	54	65	67	55	56	
- Surplus	6	11	0	0	0	0	0	0	2	1	1	

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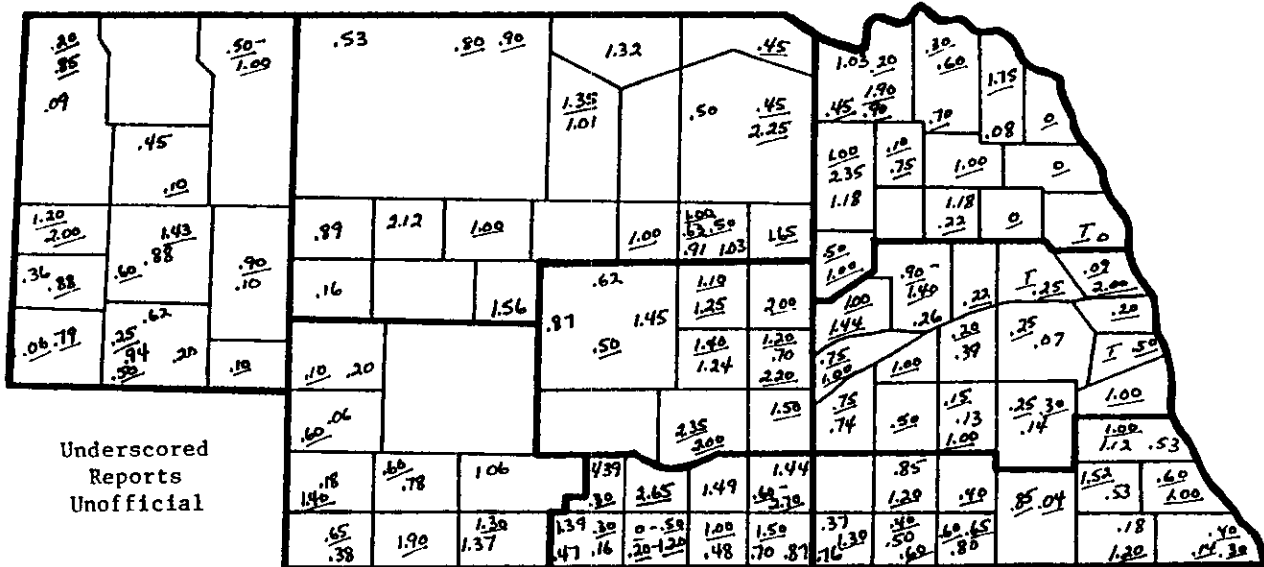
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PRECIPITATION MAP FOR MONTH OF APRIL 1991 1/



1/ Courtesy of the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, MAY 24, 1991



	Precipitation, April 1 - May 24, 1991							
	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.46	1.00	.97	.98	.29	.58	1.27	.63
Total since April 1	4.72	5.72	6.71	6.96	6.27	5.07	5.58	5.00
Total since April 1	4.13	4.75	5.43	5.19	5.90	4.20	4.91	5.86
Total as % of normal	114%	120%	124%	134%	106%	121%	114%	85%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, MAY 26, 1991

Station		Temperature				Precipitation	Growing Degree Data Since April 15 1/			
		Extremes		Mean	Departure		Total Inches 1/	Last Week	Current	Normal
		Max	Min							
NW	Chadron	82	49	65	---	.45	---	---	---	
	Scottsbluff	85	49	64	+4	1.55	274	366	363	
	Sidney	81	44	64	---	.05	280	360	373	
NC	Valentine	88	51	66	+6	.95	295	409	354	
NE	Norfolk	85	54	70	+7	31	---	---	---	
	Sioux City	84	58	72	+8	---	---	---	---	
	Concord	---	---	---	---	---	290	429	432	
	Elgin	---	---	---	---	---	294	429	407	
	West Point*	---	---	---	---	---	344	500	444	
CEN	Grand Island	83	54	68	+5	2.33	352	479	417	
	Ord	86	52	68	---	1.06	311	441	433	
EC	Lincoln	84	55	71	+6	.79	386	533	450	
	Omaha	83	58	72	+8	.27	358	513	414	
	Columbus	---	---	---	---	---	350	490	431	
	York	---	---	---	---	---	352	487	458	
SW	Imperial	84	51	68	---	---	---	---	---	
	North Platte	84	48	66	+5	1.17	**282	**393	**418	
SC	Holdrege	---	---	---	---	---	316	443	459	
SE	Beatrice	---	---	---	---	---	403	553	513	
	Clay Center	---	---	---	---	---	360	498	472	

* Automated weather station. ** North Platte Experiment Station.

1/ Growing degree data ending on May 27, 1991.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.